

19970601.qrp qrp-por0.743
>From owner-qrp-l@Lehigh.EDU Sat May 31 19:05:13 1997
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by calzone.oit.unc.edu (8.8.5/8.8.5) with ESMTP id TAA20975
> for <modena@sunsite.unc.edu>; Sat, 31 May 1997 19:05:13 -0400 (EDT)
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34940-42208>; Sat, 31 May 1997 19:04:01 -0400
>Date: Sat, 31 May 1997 19:03:12 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 743
>Mime-Version: 1.0
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97May31.190401edt.34940-42208+89@fidoii.cc.Lehigh.EDU>
>Content-Type: text/plain; charset=us-ascii
>Content-Length: 66003
>Status: 0

QRP-L Digest 743

Topics covered in this issue include:

- 1) [20552] Re: 50/40/30 Diplomatic Crisis: Red Alert
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 2) [20553] Re: Jan 1, 2000: Ham Radio replaces phone company?
by Bob Roach <KE4QOK@worldnet.att.net>
- 3) [20554] Kits using TUF-1 and SBL-1 mixers
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 4) [20555] Re: Kits using TUF-1 and SBL-1 mixers
by "Dana H. Myers" <myers@bigboy.West.Sun.COM>
- 5) [20556] RE: keyer puzzle
by Larry East <w1hue@amsat.org>
- 6) [20557] QRP ARCI Awards
by Larry East <w1hue@amsat.org>
- 7) [20558] RE: Index QRP++
by Larry East <w1hue@amsat.org>
- 8) [20559] TDS 220 Help
by Dan Hogan <dhhogan@lightside.com>
- 9) [20560] Re: TDS 220 Help
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 10) [20561] WWW Message Board Experiment
by "Brian K. Short" <KE7GH@primenet.com>
- 11) [20562] Re:ARCI Numbers
by "Steve, N2MNN" <n2mnn@openix.com>
- 12) [20563] Re: Ripoff AOL
by kc5moe@juno.com (John E Hutter)

- 13) [20564] Re: O'Scope and 38S Readings -- New stuff
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 14) [20565] OHR-400 First QSO
by ke3fl@juno.com (Philip Karras)
- 15) [20566] Re: Kits using TUF-1 and SBL-1 mixers
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 16) [20567] Re: RFI problem - not really QRP
by NilsBull@aol.com
- 17) [20568] WTB: 40m QRP
by timcook@erinet.com
- 18) [20569] Re: Jan 1, 2000: Ham Radio replaces phone company?
by tahrens1@juno.com
- 19) [20570] Re: NE602's - Disappearing?
by tahrens1@juno.com
- 20) [20571] Re: NE602's - Disappearing?
by randy_ott@juno.com (Charles R. Ott)
- 21) [20572] FS/FT - Stuff
by tahrens1@juno.com
- 22) [20573] AOL time credit
by SBJohnston@aol.com
- 23) [20574] WTB:Argo 515 filters
by "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
- 24) [20575] PHOENIX CRYSTALS NEW E-MAIL ADDRESS
by n0acs@juno.com (John R. Morris)
- 25) [20576] PHOENIX CRYSTAL ORDERS
by n0acs@juno.com (John R. Morris)
- 26) [20577] TDS 220
by Dan Hogan <dhhogan@lightside.com>
- 27) [20578] NorCal 40A/Wilderness Radio
by w_hill@ns.net (Ward Hill)
- 28) [20579] Re: Jan 1, 2000: Ham Radio replaces phone company?
by svecbrdk@well.com (L.Svec,W.Burdick)
- 29) [20580] 30m -- good stuff
by "JakeCart" <JakeCart@ix.netcom.com>
- 30) [20581] QRP-L MEMBERS REPORT WPX SCORES
by Alan Kaul <kaul@netcom.com>
- 31) [20582] Counterpoise Lengths
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 32) [20583] Re: AOL time credit
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 33) [20584] Two fixes for HW-8 tuning caps
by Raventhorne <jelder@ix.netcom.com>
- 34) [20585] Re: Funny things at DAYTON
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 35) [20586] Fig. 60 1994 Handbook
by n4so@juno.com
- 36) [20587] Re: NE602's - Disappearing?
by laura halliday <ve7ldh@direct.ca>

- 37) [20588] contest rules?
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
38) [20589] Re: QRP-L MEMBERS REPORT WPX SCORES
by Alan Kaul <kaul@netcom.com>
39) [20590] Re: SCAF Filter
by n4js@amsat.org
40) [20591] [3830] CQWW WPX CW 97 SCORES III
by Bob Patten <n4bp@shadow.net>

Date: Fri, 30 May 1997 16:03:55 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20552] Re: 50/40/30 Diplomatic Crisis: Red Alert
Message-ID: <199705302303.SAA18426@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

In addition to the states listed below who have not yet posted ambassadors, representatives from the following states have either been withdrawn (due to personal scheduling problems, etc.) or failed to confirm dates, or have become unreachable by email:

FL
ME
MD
MI
NM
VT

If you can volunteer to represent one of these states, please contact:

Mike K1MG
mgipe@reliablemeters.com

>
> We are about to experience a diplomatic crisis.
>
> So far, many noble volunteers have stepped forward to represent their
> states in the "Fifty States on Forty and Thirty Meters" activity.
However,
> there are still quite a few states which have failed to send their
> ambassadors to the diplomatic conferences. Along the halls of some of
the
> embassies has been heard ugly talk of invading neighboring states with
> armies of DXpeditioners. We cannot let this descent into anarchy
prevail.

> The call must go out again to all those states which have not yet
> responded. We need your patriotic representative to step forward and
join
> the WAS discussions. Please help avert a dreadful diplomatic crisis.
>
> The following states have not committed a statesman (or woman) to a date
> for 50/40/30:
>
> CA (you've got to be kidding -- even TX came up with at least six
> volunteers!)

- > CT
- > GA
- > ID
- > IL
- > KS
- > KY
- > LA
- > NE
- > NV
- > NH
- > NC
- > SD
- > UT
- > WA
- > WI
- > WY

>
> Please present your credentials to
>
> Mike K1MG
> mgipe@reliablemeters.com
>

Date: Fri, 30 May 1997 23:19:42 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: svecbrdk@well.com
Cc: qrp-1@Lehigh.EDU
Subject: [20553] Re: Jan 1, 2000: Ham Radio replaces phone company?
Message-ID: <19970530231939.AAA3610@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:25 AM 5/30/97 +0000, you wrote:
>What's interesting to me is local, national, and international
>communications. If a chain-reaction of corporate and utility shut-downs

>takes out both wired and wireless telephony, what does that leave? For a
>while, there will be some communications providers who stay up on their own
>generators, but even that could be short-lived if fuel deliveries are shut
>down.

>

>SO, how's this for a scenario: among the only communications left are
>solar, wind, and water-powered independent amateur radio stations! And how
>best to use precious energy reserves than QRP?

Hi Wayne,

I think you've took off on a wild fantasy here. Your telephone and the computers that operate it, like the machines and computers that generate and distribute electricity could care less what the date is. The problem is purely administrative. Your phone will still work but you will be one hundred years in arrears on the payment (same with electricity) and of course if you work for a utility there will be no check since it will be many years before we get back to the first day you came to work.

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

Date: Sat, 31 May 1997 00:32:11 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>

To: qrp-1@Lehigh.EDU

Subject: [20554] Kits using TUF-1 and SBL-1 mixers

Message-ID: <199705302334.TAA19897@mail.bright.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

There are and have been kits using the TUF-1 and SBL-1 mixers on the QRP market for the past several years, but they seem to have gone relatively un-noticed on this side of the pond...

The R1 and R2 use the SBL-1 mixer, while the miniR2 uses the TUF-1. These mixers are the "normal" mixers that are in use - however, if

you want "real high performance", the -H version can be substituted.

The Hands GQ-40, GQ-30, GQ-20, and now the GQ-2000 all use the SBL-1. The GQ-40 was reviewed both in QST and in NA5N's book - in both cases the performance numbers were at the top of the list. The GQ-40 is a best seller in Europe where good receiver performance is an absolute requirement on 40 - 40 at night over there is unbelievable....

Other Hands kits use the SBL-1 or the Plessy SL6440 - and active high level mixer that is right up there with the diode ring in terms of performance.

The GQ series is CW only. All the other kits mentioned are both CW and SSB....

The standard disclaimer does NOT apply here - I sell all the kits mentioned above....

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://qrp.cc.nd.edu/kanga/>
419-423-4604

Date: Fri, 30 May 1997 16:55:35 -0700 (PDT)
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
To: kanga@mail.bright.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20555] Re: Kits using TUF-1 and SBL-1 mixers
Message-ID: <Roam.SIMCSD.2.0.4.865036535.8908.myers@bigboy>
Content-Type: text

Bill N8ET wrote:

> There are and have been kits using the TUF-1 and SBL-1 mixers on the
> QRP market for the past several years, but they seem to have gone
> relatively un-noticed on this side of the pond...

I'm a little surprised myself that several people hadn't seen the diode mixer receivers - they've been the staple of receiver projects for years.

> The R1 and R2 use the SBL-1 mixer, while the miniR2 uses the TUF-1.
> These mixers are the "normal" mixers that are in use - however, if

> you want "real high performance", the -H version can be substituted.

Well, I don't believe you can just swap a -H mixer for a normal one and see any improvement. The 'higher level' mixers are designed for higher LO drive - and this in turn yields better strong signal performance. A higher level mixer with less than nominal drive usually offers less than nominal performance. MCL seems to suggest a +/- 3dB tolerance on the drive level (ex. +4dBm to +10dBm for a +7dBm mixer). I'd want to error on the side of higher drive myself ;-).

Dana K6JQ
Dana@Source.Net

Date: Fri, 30 May 1997 17:58:13 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Cc: Bob Hirsch <bobh@p3.net>
Subject: [20556] RE: keyer puzzle
Message-ID: <2.2.16.19970530235813.2d170cd8@eloi>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I want to use my Super CMOS III keyer to help me zero beat stations. That
>is, is there a way to setup or modify the keyer to send out a continuous
>600 hertz (or whatever freq it's set to) tone through it's monitor speaker
>without it going to the output key jack so I can tune for the same pitch on
>my rig?

>If necessary, putting a switch in the line from the keyer to the rig to
>open it up is no problem, but how do I get the continuous tone to the
>monitor speaker without having to switch into "hand key mode" each time?

>
One way to do it would be to add a switch to open up the output key line, then put it into "monitor" and "key down" modes. A pretty simple minded way to do it, but then I've often been accused of being simple minded... :-)

Date: Fri, 30 May 1997 17:58:11 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Cc: "Bob Kellogg" <ae4ic@nr.infi.net>
Subject: [20557] QRP ARCI Awards

Message-ID: <2.2.16.19970530235811.2f571672@eloi>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Want to know what awards are available from the QRP ARCI? Just check out the following web page: <http://www.rtpnet.org/~qrp/arciawds.html>

Then go back to the QRP ARCI home page and you can find out lots of other interesting stuff -- like how to join, who to send manuscripts to, who to complain to when your QRP Quarterly gets lost in the mail, etc. Gee... ain't computers wonderful?!?

Date: Fri, 30 May 1997 17:58:12 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Cc: "Michael St. Angelo" <mstangelo@worldnet.att.net>
Subject: [20558] RE: Index QRP++
Message-ID: <2.2.16.19970530235812.2f57612a@eloi>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>3. Someone mentioned mods for the radio that were first published
>in the QRP-L journal. Which issue was this in? Is this info available
>on the Web?
>

There's no such thing as "the QRP-L journal" folks... The mods were published in The QRP Quarterly (published by QRP ARCI), January and April 1997 issues, by yours truly. More information specific to the QRP++ will appear in the July 1997 issue.

72, Larry W1HUE/7

Date: Fri, 30 May 1997 17:41:44
From: Dan Hogan <dhhogan@lightside.com>
To: qrp-l@Lehigh.EDU
Subject: [20559] TDS 220 Help

Message-ID: <3.0.1.16.19970530174144.29a77266@mail.lightside.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just bought a TDS 220 today 05/30/97, Friday. Fired it up at 5:00PM. When doing the Functional Check in the user manual on CH2 I get the following message "Unable to Autoset SEC/DEV, using Default." Do I have a problem with the unit? I have been following the manual step by step. My first O'Scope since 1978.

Dan Hogan
West Covina, CA
dhhogan@lightside.com

Date: Fri, 30 May 1997 18:15:09 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <dhhogan@lightside.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20560] Re: TDS 220 Help
Message-ID: <199705310115.UAA22295@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dan --

This means that it can't figure out what the period of the signal is, so it can't set the horizontal time base (seconds per division). Do you see the test signal (probe comp output) on the channel two trace? Do you have channel two enabled? Do you have channel one grounded? (Maybe it is trying to autoset on channel one noise.)

Mike K1MG

> From: Dan Hogan <dhhogan@lightside.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: TDS 220 Help
> Date: Friday, May 30, 1997 10:41 AM
>
> I just bought a TDS 220 today 05/30/97, Friday. Fired it up at 5:00PM.
When
> doing the Functional Check in the user manual on CH2 I get the following
> message "Unable to Autoset SEC/DEV, using Default." Do I have a problem

> with the unit? I have been following the manual step by step. My first
> O'Scope since 1978.
>
> Dan Hogan
> West Covina, CA
> dhhogan@lightside.com

Date: Sat, 31 May 1997 01:25:34 +0100
From: "Brian K. Short" <KE7GH@primenet.com>
To: BitBucket@qsl.net, QRP-1@Lehigh.EDU
Subject: [20561] WWW Message Board Experiment
Message-ID: <3.0.1.32.19970531012534.0074609c@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

May I engage your services for an experiment...

As you know, I set up a "Personal Web Server" on my home computer running Win95. Previously, the server had only a copy of my web page...

But, now...

I have taken the mirror of my home page off and installed an automated message/discussion group facility called aptly "Short Circuits"...

Please go to my home page <http://www.qsl.net/k7on> and click on the rotating arrow and while I'm connected you'll be then connected to my personal server where you can access the messages entered by you and others.

It is threaded and resembles a Usenet newsgroup, but will not be spammed as it is not connected to the Internet by a static IP address...(this is part of the experiment, BTW...)

Please give it a shot!

I'll be watching for messages on there and I've put 2 already myself.

73, Brian <http://www.qsl.net/k7on>

Date: Fri, 30 May 1997 21:29:59 -0400
From: "Steve, N2MNN" <n2mnn@openix.com>
To: QRP-L@Lehigh.EDU
Subject: [20562] Re:ARCI Numbers
Message-ID: <199705310129.VAA11126@pantera.openix.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I had an interesting thing happen to me with ARCI numbers.

I input my ARCI numbers into a special field for my QSOs in my logging software (LOGIC). Also have a field for ARCI numbers submitted to Chuck, K5FO, (the awards chairman) towards the award. By using the database I discovered that I had worked two hams with the same number. Yes, I could have miscopied the number, so I QSL'd both hams. Their ARCI # was printed on both cards and both were the same.

So I e-mailed, Chuck, and he was able to tell me which ham really belonged to the number (or vice versa). That way I'm sure my next award submittal will be as correct as I can make it (minus the one suspect contact).

I never use my PC for real time logging. It takes the romance out of contesting (to me, a dupe sheet is much more fun), and also my PC generates too much hash. Plus, a QRP contact, even in a contest, is a social event to me, so I never rush it. Essentially, I use the database to weed out suspect ARCI contacts, so it actually reduces my number of contacts submitted for awards.

Steve, N2MNN
n2mnn@openix.com

Date: Fri, 30 May 1997 22:20:21 EDT
From: kc5moe@juno.com (John E Hutter)
To: REDSBOY@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [20563] Re: Ripoff AOL
Message-ID: <19970530.212226.12287.1.KC5MOE@juno.com>

In most cases the real thieves in a class action suit aren't the

class members. It's the lawyers behind it who are just out for a quick easy settlement and the fast bucks that go with it. We have at least three high profile lawyers here who are generally considered to be in the stereotypical sleaze category and I've heard them say some pretty nasty things about class action lawyers. I expect they'll come knocking on our (ham, not qrp) door when the RF exposure thing heats up again. Guess every group has to have a few bad apples just to give the rest a bad name.

72/73 de KC5M0E -- John

Date: Fri, 30 May 1997 19:31:25 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Bob Follett" <bfollett@ditell.com>
Cc: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [20564] Re: O'Scope and 38S Readings -- New stuff
Message-ID: <199705310231.VAA24548@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob --

Sorry I haven't replied sooner. This week has been busy. Trying to catch up on email now.

You have some strange stuff going on here.

> 1. Hooked up both probes: with one channel triggered on the 1MHz+ 58V pp
> spike, I could see the state change causing it all the way through the
> transmit chain, back to the input side of U4. The 5 Watt mod. doesn't
add any
> unwanted signals on its own....

Good. One section exonerated. The problems usually begin at U4 pin 11.

>
> 2. I can go backward to U2, pin 6, and see a square wave, 9.2V pp with
200ns
> period

Very odd. 5 MHz. U2 pin 6 is the transmit/receive signal, generated at U4 pin 7. It should go up and down with your key. There should be no RF stuff there, BUT, it is in the SAME IC that has all the funny RF. Hmmm. Could it be that the HC240 is oscillating big time and passing it to all

its component gates? What do the non-RF sections of U4 look like? Pin 13 should go up and down with the key. Pin 7 should be the same but inverted. Pin 3 should be oscillating around 700 Hz when the key is down (unless you did the Tick mod already.)

>
> 3. I added the .01uF cap at the D6 cathode to grd., and saw no difference into
> the output filters.
>
> 4. > Then there's the possibility of a relaxation oscillator, with C23,
> > the 22pf base coupling capacitor, acting with the (non-linear)
> > input impedance of the 2N3904. >> (Glen)
>
> Here, interestingly, I measure yet another square wave, 1.36V pp, but
period
> is 75ms -- 7Hz ??

That's about 13 Hz. Not normal. At what point in the 2N3904 circuit do you see this?

What do you see at U3 pin 4?

>
> All I can say, is there sure is a lot of wierd stuff flowing through the
Xmit
> side of this rig!

You can say that again!

>
> Are we getting any closer? (At least I am learning how to use my scope
w/both
> channels, and adjusting the trigger point)

I think so. One thing to remember with a digital scope like the TDS210 -- you must have the time base set high enough for the highest frequency you are observing. Otherwise you may get erroneous pictures due to aliasing. Try an experiment: Find a nice clean sine wave somewhere (U3 pin 7?) and get it triggered and stable. Then slow down the horizontal sweep, one range at a time, and observe the display. The sine wave will compress until it is a black blob, then at some point, it will reappear as a sine wave again, but at a much lower frequency, due to sampling aliasing. There isn't really a signal at that frequency, but the scope isn't catching enough points to reconstruct the true waveform.

At this point, if we find that the non-RF parts of U4 are working OK, or we fix them and we still have wild spurs, I would be tempted to start tracing

from the other end. This will be a little tougher, because we need to make some circuit changes to isolate stuff in order to get clean signals that we can work with.

Lift one side of C25. Solder a short jumper between pins 10 and 11 of U4. These changes reduce the transmit power fed back to the VCX0, and should stabilize U4. The transmitter should now work great except for one minor problem -- the power out will be zero. However, you should see no spurs at the antenna. The FET gate should be zero volts. U4's pins should be either high or low, but not changing except for the sidetone osc, U4D and E. You can then put the scope on the VCX0, U1 pin 7 and see a nice 22 MHz signal with only a little distortion. This should pass to U3 pin 1 pretty nicely. At U3 pin 7 you should see a nice 12 MHz signal. Follow the mixer output through the transistor buffer, TR1. Observe the effect of tuning TC2. Let's see what you get.

Let's keep at it. We'll solve the mystery.

Mike K1MG

```
>
> 73, Bob
> -----
> Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
> 2861 Estates Dr. VOICE: 801.649.6457
> Park City, UT 84060 E-mail: bfollett@ditell.com
```

```
-----
Date: Fri, 30 May 1997 22:31:48 EDT
From: ke3fl@juno.com (Philip Karras)
To: qrp@ohr.com, qrp-l@Lehigh.EDU
Subject: [20565] OHR-400 First QSO
Message-ID: <19970530.214441.2215.0.ke3fl@juno.com>
```

Dick,
The OHR-400 is working AOK! Here is my computer log for the first 40-meter QSO:

VE3MFJ/QRP Dick
Picton Ont
R: QRP: OHR-400, 5W
F: 7.040 MHz
U: 00:08 - 00:31 ** 31 V 1997
R: 559/579 ** Rig Heathkit HW-9, 5W ** Ant: delta loop

Q: QSL ** sent 5/? ** received

I: GE Phil OM & solid- tnx fb report- ur kit QRP doing fine- wx here has
I: been showers all day & temp 60F hw? = Solid Phil OM ur new kit has a
I: lovely sounding signal- Im retired mechanical engineer & age 88- got
I: first ham ticket back in spark days 1924 but was off air for 40
I: fourty years- I was QRP in spark days wid half inch spark coil hi-
I: tnx fb QSO Phil hanging in there for this old coot- enjoy ur supper
I: 73

Again thanks for all your help!

73 de KE3FL
Phil

Date: Sat, 31 May 1997 03:43:15 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
To: myers@bigboy.West.Sun.COM
Cc: qrp-1@Lehigh.EDU
Subject: [20566] Re: Kits using TUF-1 and SBL-1 mixers
Message-ID: <199705310245.WAA09346@mail.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dana -

Correct - it is up to the builder to supply the L0 and the
necessary drive. I can vouch for the needed correct drive - I
have used a signal generator to test with, and you can hear the gain
of the rx drop as the L0 drive is dropped below the recommended
level.

> Well, I don't believe you can just swap a -H mixer for a normal one
> and see any improvement. The 'higher level' mixers are designed for
> higher L0 drive - and this in turn yields better strong signal performance.
> A higher level mixer with less than nominal drive usually offers less
> than nominal performance. MCL seems to suggest a +/- 3dB tolerance
> on the drive level (ex. +4dBm to +10dBm for a +7dBm mixer). I'd
> want to error on the side of higher drive myself ;-).

>

> Dana K6JQ
> Dana@Source.Net
>

73 - Bill - N8ET

Kanga US
kanga@mail.bright.net
<http://qrp.cc.nd.edu/kanga/>
419-423-4604

Date: Fri, 30 May 1997 23:09:57 -0400 (EDT)
From: NilsBull@aol.com
To: n9ssg@pobox.com, qrp-1@Lehigh.EDU
Subject: [20567] Re: RFI problem - not really QRP
Message-ID: <970530230915_-95067600@emout17.mail.aol.com>

This may already be too late for the party, but: -- In a message dated 97-05-27 14:26:53 EDT, n9ssg@pobox.com (David Yanke) writes: "I have even heard of people taking a bat or sledge hammer with and banging(hard) the side of the pole"

Now, I understand that this is a dangerous thing to do. I hear that you can be liable for people's houses catching extra badger electrons from frying insculators and such. Or that the damn transformer may come cruisin' down on yer head like a hot can of Ajax. Or was that Comet?

However, I was out walking with my son one night. We carry shillalaghs with us. Nice gringo ones with about 18 coats of boiled linseed oil and potatoes smeared all over 'em. Nice wood.

Anyway, we're out walking one night and noticed that one of the street lamps was flickering. As I walked by it, I tapped on the pole and said to the ECL (electric company leprachaun living inside) "Lighten up, you!"

Damned if the light didn't come on full brilliance. And when got home, the frying in my radio had stopped. At least it was stopped until the ECL got tired and started messing with my mind again. Can't hardly talk straight to a badger when the ECLs are against you.

Maybe he needs little bit of the usquebaugh, eh, laddy?

73
Nils
WB8IJN &c

Date: Fri, 30 May 1997 23:21:29 -0400

From: timcook@erinet.com
To: QRPL <qrp-1@Lehigh.EDU>
Subject: [20568] WTB: 40m QRP
Message-ID: <338F9939.4078@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a Wilderness 40A or OHR 40m rig, or ???. Please email with
info
thanks
Tim
NZ8J

Date: Fri, 30 May 1997 23:48:29 EDT
From: tahrens1@juno.com
To: KE4QOK@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [20569] Re: Jan 1, 2000: Ham Radio replaces phone company?
Message-ID: <19970530.214349.4895.1.tahrens1@juno.com>

Oh, Oh, what about the computer that controls the
rods in the nuke down the road? You know, the
one that makes the electricity? And the computers
that do the switching of the telephones? They all
have to have clocks in them to generate the necessary
data to feed the bean counters..
hmmmm

hehe

Tim W5FN

Date: Fri, 30 May 1997 23:48:29 EDT
From: tahrens1@juno.com
To: g3ycc@gqrpclub.demon.co.uk

Cc: qrp-1@Lehigh.EDU
Subject: [20570] Re: NE602's - Disappearing?
Message-ID: <19970530.214349.4895.0.tahrens1@juno.com>

Hi Frank - I too think that ring mixers are great, but they generally aren't considered 'low power', due to the amount of LO energy that is required.. (that's why they do well as front ends).

I guess the real question is what is the 'threshold of pain' when it comes to receiver power consumption... if 20 ma is 'great', is 100 ma terrible? Guess it depends on the type of operation you are gonna do.. with a backpacking rig you probably don't really care too much about front end overload, etc, but do about how much of a power source it takes to run.

Thanks!

Tim W5FN

On Fri, 30 May 1997 18:15:06 +0100 Frank G3YCC
<g3ycc@gqrpclub.demon.co.uk> writes:
>As far as mixers are concerned, I don't think the NE602 is by any
>means the
>best. The diode ring say the SBL-1 was probably the best ever. Anyone
>else
>got any views?
>Frank G3YCC
>QRP Web Site: <http://www.gqrpclub.demon.co.uk>
>
>
>
>

Date: Fri, 30 May 1997 22:54:10 -0500
From: randy_ott@juno.com (Charles R. Ott)
To: g3ycc@gqrpclub.demon.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [20571] Re: NE602's - Disappearing?
Message-ID: <19970530.225412.10862.0.randy_ott@juno.com>

On Fri, 30 May 1997 18:15:06 +0100 Frank G3YCC
<g3ycc@gqrpclub.demon.co.uk> writes:

>As far as mixers are concerned, I don't think the NE602 is by any
>means the
>best. The diode ring say the SBL-1 was probably the best ever. Anyone
>else
>got any views?
>Frank G3YCC
>QRP Web Site: <http://www.gqrpclub.demon.co.uk>
>
>

Sure the SBL-1 is a good mixer but the NE-602 is more than just a mixer.
It is an oscillator and active mixer that runs on very low power. Just
look at the 49-er and 38 special transceivers for an example. Try
building the equivalent with discreet components and passive mixers.
Sure you will probably have a better radio but it will be a lot bigger
and use a lot more current.

By the way, Phillips is dropping several of their NExxx parts. They are,
however going to continue to make the SAxxx versions which are commercial
temperature versions. They will of course cost a little more but will
continue to be available. This includes the SA602 and SA612.

I have heard some talk about the 612 as being inferior to the 602 but it
is pretty much the same with some of the specs being relaxed a bit. For
low frequency use they are fine. We use several of these in products my
company builds and for the most part they are used interchangeably
without any problems.

My \$0.02....

Charles R. (Randy) Ott
K5HJ - QRP-L #1040

Date: Sat, 31 May 1997 00:29:22 EDT
From: tahrens1@juno.com
To: qrp-l@Lehigh.EDU
Subject: [20572] FS/FT - Stuff
Message-ID: <19970530.222451.4895.3.tahrens1@juno.com>

The following items are for sale:

S&S ARK4 Synthesized 40meter CW transceiver with
all mods - Keyer, filter, etc. Factory built.
\$210 Shipped

Yaesu FT-690RII 6 meter allmode \$410 shipped
Wanna swap for Sierra?

Thanks for the BW

Tim W5FN

Date: Sat, 31 May 1997 00:34:08 -0400 (EDT)
From: SBJohnston@aol.com
To: REDSBOY@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [20573] AOL time credit
Message-ID: <970531003407_1990397337@emout05.mail.aol.com>

Karl W4UTI wrote:

> It bothers me more than a little to see such a flurry of >activity among
such a nice group of people like QRPers
>as I am seeing referring to getting "free money" from AOL.

Why should "nice people" like QRP operators put up with a business that
fails to deliver their product? As you may recall, AOL oversold its service
many times over. I would say that a credit or refund (not "free money" as
you call it) is most appropriate, given the situation.

>to enter a class action suit to get money under the false
>pretense of being injured by another party is nothing more >than
stealing....

For crying out loud, Karl, every AOL user I know was unable to reliably
connect to AOL for several months. In this day and age, the inability to
access one's email can be a serious problem. Many folks had reasons to
complain -- and loudly.

> if you are still purchasing time from AOL it indicates
> maybe you weren't hurt too bad.

People who use email for important purposes cannot change their address that
easily -- messages would be lost, delayed. Unless things get impossibly bad,
most will try and stay with their service provider -- particularly one that
explains its problems and offers to credit service fees as AOL did.

>I think QRP people are above false suits.

I don't think you do, Karl. I think you are doing QRP operators a great disservice by accusing them in this fashion.

Steve Johnston WD8DAS

sbjohnston@aol.com

Trust in "Bob".

Date: 31 May 97 00:45:15 EDT
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, MNQRP reflector <mnqrp@qsl.net>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@CompuServe.COM>
Subject: [20574] WTB:Argo 515 filters
Message-ID: <970531044514_70511.3041_IHD59-1@CompuServe.COM>

Gang:

Have just purchased a Ten-Tec Argo 515 transceiver. It is in excellent condition. But there are no accessories with it, most especially the AF filters. (Frankly, I am not certain of all the accessories & filters that originally were able available for the 515 originally.)

1. Does anyone have any 515 accessories you would be willing to part with? Will pay top dollar. Surely would like to add to this wonderful rig.

2. Also, can someone send me a list of the 515 accessories/filters?
Thanks in advance for your assistance.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI ??? ARRL

Sierra Argosy 525 Argo 515 QRP++ QRP+ HW-9 Explorer Ii-30
Norcal 40a SW-30 49er 38S Schurr Paddles TNT/2 Windom

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sat, 31 May 1997 01:06:33 EDT
From: n0acs@juno.com (John R. Morris)
To: qrp-1@Lehigh.EDU
Subject: [20575] PHOENIX CRYSTALS NEW E-MAIL ADDRESS
Message-ID: <19970530.225722.5503.3.N0ACS@juno.com>

Hi Gang,
Commencing next Monday my new e-mail address will be:
phxtal@nava.link.net
PLEASE MAKE A NOTE OF IT FOR YOUR FUTURE USE.

72
John at
PHOENIX CRYSTALS
1714 NORTH ASH STREET
NEVADA, MO 64772

Phone: (417) 667-6179

Date: Sat, 31 May 1997 01:06:33 EDT
From: n0acs@juno.com (John R. Morris)
To: qrp-1@Lehigh.EDU
Subject: [20576] PHOENIX CRYSTAL ORDERS
Message-ID: <19970530.225722.5503.2.N0ACS@juno.com>

Hi Gang,
I just wanted to post an update on where I am on the orders.
With the orders that will be taken to the Post Office in the morning,
including one to Spain, I will have completed exactly 2/3rds of the total
orders. This is an order figure and not the total quantity of crystals
ordered. However it looks like I'm through most of the large orders and
so I expect to gain a little speed on completing and shipping from now on
out.
One fellow had 80 crystals on his order so you can see why I've been so
bogged down.

Also I am becoming more proficient in grinding and finishing on the
FT-243's so this will also help improve shipments.

NEW E-MAIL ADDRESS FOR PHOENIX CRYSTALS:

phxtal@nava-link.net

Please make a note of it where you can find it.

COMMENCING NEXT MONDAY I AM DISCONTINUING USE OF JUNO! So if you need to e-mail me.....PLEASE use the new E-mail address.

73 John

PHOENIX CRYSTALS

1714 NORTH ASH STREET

NEVADA, MO 64772

Phone: (417) 667-6179

Date: Fri, 30 May 1997 22:12:10
From: Dan Hogan <dhhogan@lightside.com>
To: qrp-1@Lehigh.EDU
Subject: [20577] TDS 220
Message-ID: <3.0.1.16.19970530221210.301ff11e@mail.lightside.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all for the TDS 220 help. Finally got it figured out. Naturally it was operator malfunction. Got it figured out with the hints supplied.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

Date: Sat, 31 May 1997 00:06:15 -0700
From: w_hill@ns.net (Ward Hill)
To: qrp-1@Lehigh.EDU
Subject: [20578] NorCal 40A/Wilderness Radio
Message-ID: <v01540b00afb57d013528@[204.119.242.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just a Thank You to all at Wilderness Radio.

What with Dayton orders and a Holiday this week, you are awesome. I sent in a order for the 40A last Friday and 4 working days later (one lost to the

holiday) I have my kit in hand. It doesn't get any better.

See you all on 40 meters es 73,

Ward Hill - WA6FUH
w_hill@ns.net
Life Member ARRL
QRP-L #1117
WA6FUH@N0ARY.NOCAL.CA.USA.NA
EX-CHINA LAKER
Engineer @
Channel 3 KCRA (NBC) &
Channel 58 KQCA (UPN), Sacramento, California

Date: Sat, 31 May 1997 01:23:46 -0800
From: svecbrdk@well.com (L.Svec,W.Burdick)
To: Bob Roach <KE4QOK@worldnet.att.net>
Cc: qrp-l@Lehigh.EDU
Subject: [20579] Re: Jan 1, 2000: Ham Radio replaces phone company?
Message-ID: <199705310823.BAA06873@smtp.well.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>S0, how's this for a scenario: among the only communications left are
>>solar, wind, and water-powered independent amateur radio stations! And how
>>best to use precious energy reserves than QRP?

>

>Hi Wayne,

>

>I think you've took off on a wild fantasy here. Your telephone and the
>computers that operate it, like the machines and computers that generate and
>distribute electricity could care less what the date is. The problem is
>purely administrative.....

>

>KE4QOK, Bob

Bob, I see your logic, but I think the problem is more insidious than that.
If the phone company and utility provider can't bill you correctly, they
don't get paid. Banks close while they and the business who store their
funds there figure it out. Records are kept on PCs or on paper for a

while. Meantime, a domino effect of suppliers of raw materials, parts, services, not having *their* act together could stretch the down-time into the months.

By the way, this isn't just my wild fantasy--I do highly recommend the Newsweek article or any of the hundreds of web sites, TV shows, and newspapers that have done a thorough analysis of the situation. I *hope* it's just a fantasy, but from what I've read, it looks much more ominous.

73,
Wayne

Date: Sat, 31 May 1997 07:31:26 -0400
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [20580] 30m -- good stuff
Message-ID: <199705311131.GAA02540@dfw-ix9.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

There must be some good things happening on 30 meters. Last night (5/30) I worked er1oo, hb9kp/qrp, sa8vk, 9a2aj, ve9np, w5blr/qrp (nc38sp). Where is Moldova??

Now if they will just send me a QSL card :-)

73,

Jake [N4UY]

QRP-L #821, G-QRP #9557, AK/QRP #175, NJ-QRP #74, NorCal#1457
WAS W/C 47/42 need HI, DE and NJ (NJ??)
WAS QRP W/C 36/30
WIMPS: Qs=042 30m=42 17m=0 12m=0 States=18 DXCC=6

Date: Sat, 31 May 1997 09:27:33 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: qrp-1@Lehigh.EDU

Subject: [20581] QRP-L MEMBERS REPORT WPX SCORES
Message-ID: <Pine.3.89.9705281638.A1444-01000000@netcom13>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Rogério, CT1ETT, really pounded the brass last weekend and raced to a commanding lead in the WPX among QRP-L members who have reported their scores. Rogério had almost 100 QSO's more than runner-up W4DEC.

Larry, W4DEC, made a very good effort for top score among W/K list-members.

AE4IC, Bob, had a solid third and proves the importance of 4 and 6 point QSO's on the low bands!

There was a real battle for fourth place: WZ2T, Richard, edged K8CV, Walt, who had significantly fewer QSO's, but made them count with more QSO points (only a little more than a thousand points back in 5th place).

It was a terrific effort by all concerned. We ought to do this more often!!

CALL	QSO	QSO POINTS	PREFIXES (MULTS)	TOTAL SCORE
CT1ETT	304	550	206	113,300
W4DEC	206	381	177	67,437
AE4IC	168	310	146	45,260
WZ2T	191	273	142	38,766
K8CV	124	297	126	37,422
VE7CQK	77	227	55	12,485
WB5GWB	62	171	54	9,234
PA3HBB (G0BZF)	47	170	42	7,140
W5VBO	??	112	42	4,704
NQ7X	21	59	20	1,180
N8ET	20	29	19	551
K5OI	20	28	17	476
W6RCL	16	28	15	420

NOTE: I neither verified the contacts nor double-checked the math!
These are ''claimed scores'' based on e-mail responses.

I encourage ALL who took part in the contest to send their logs to the WPX Contest administrator (computerized summary sheets, dupe sheets, logs, etc can be e-mailed to n8bjq@erinet.com, or paperwork can be mailed to CQ Magazine, 76 N, Broadway, Hicksville, NY, 11801).

Congratulations to all.

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: 31 May 97 09:15:25 EDT
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [20582] Counterpoise Lengths
Message-ID: <970531131524_70511.3041_IHD53-1@CompuServe.COM>

Gang:

How long should leads be for an above-ground counterpoise system? IE, for many reasons I am restricted to using an inside the flat artificial ground system. I will be simply laying wire around the edges of the room and connecting it to the ground post on the tuner.

But...how long should the wires be? Somewhere I saw the formula. Seems to me it was simply a 1/4 wavelength. Or, was it 1/2 wavelength?

Who can help? Thanks in advance for your assistance.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI ??? ARRL WAS 49/38 DXCC 41/38

Sierra Argosy 525 Argo 515 QRP++ QRP+ HW-9 Explorer II-30
Norcal 40a SW-30 49er 38S Schurr Paddles TNT/2 Windom SLV/W6MMA

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sat, 31 May 1997 10:44:35 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <SBJohnston@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20583] Re: AOL time credit
Message-ID: <199705311524.LAA24346@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Very weighty signature line, there, Steve. --and always remember: "Bob"
is boB spelled backwards.

Bob Kellogg, AE4IC
Prolably, but not nececelery. -- Benny Hill

> -----
> Trust in "Bob".
> -----

Date: Sat, 31 May 1997 08:36:16 -0500 (CDT)
From: Raventhorne <jelder@ix.netcom.com>
To: Al Moyle <moyle@essc.psu.edu>, qrp-l@Lehigh.EDU
Subject: [20584] Two fixes for HW-8 tuning caps
Message-ID: <2.2.16.19970531063636.43274eba@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:59 AM 5/31/1997 -0400, Al Moyle wrote:

>By the way,
>I did the repair on the tuning cap yesterday (on the HW-8).
>Glued the plates back in
>with electrically conductive epoxy, which works great. I wonder how they
>soldered the plates back into your cap ? ... the ones in mine are aluminum.
> That makes for some pretty tough soldering!

They cut some new plates out of copper and soldered them in.

72,

John

@~~~

@ John Elder, Ko6TS

@ PHROG (Pagan Ham Radio Operators' Guild)

@ Box 232, El Segundo, CA 90245

@ So many fools, so few comets . . .

Date: Sat, 31 May 1997 10:24:32 -0500
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: Steve.Hideg.1@nd.edu
Cc: qrp-1@Lehigh.EDU
Subject: [20585] Re: Funny things at DAYTON
Message-ID: <199705311524.KAA12494@chuck.dallas.sgi.com>

Gang,

When Steve Hideg mentions "giant swarm of bees", he was not kidding. I saw them on Sunday and there was a large number of them and I could not believe that the owners of the table, from which the swarm of bees had gathered, were in the process of picking up the table and moving it!!!

Kids, don't do this at home.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

Date: Sat, 31 May 1997 09:13:31 EDT
From: n4so@juno.com
To: qrp-1@Lehigh.EDU
Subject: [20586] Fig. 60 1994 Handbook
Message-ID: <19970531.090706.5223.10.N4S0@juno.com>

To the person who wanted Fig.60-- your copy is ready.
Need your address.

Ken Brown , N4S0
QTH: Nr Mobile, AL
QRP-L #622

n4so@juno.com

Date: Sat, 31 May 1997 12:03:32 -0700
From: laura halliday <ve7ldh@direct.ca>
To: g3ycc@gqrpclub.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20587] Re: NE602's - Disappearing?
Message-ID: <33907604.58FBED4F@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Frank G3YCC wrote:

> As far as mixers are concerned, I don't think the NE602 is
> by any means the best. The diode ring say the SBL-1 was
> probably the best ever. Anyone else got any views?

Define "best". Does it mean low cost? Low parts count?
High dynamic range? Low power consumption?

To compare an NE602 with an SBL-1, you have on the
one hand a chip designed for portable phones and things.
It has very low power consumption and can be incorporated
in very simple radios. The catch is degraded dynamic
range - where the SBL-1 is an improvement, but only if
it is properly applied (i.e. greater parts count,
greater power consumption).

I've heard very good things about switching mixers - I've
tried 74HC4066s myself, and remember the setup in the
RX84 receiver (RadCom, a while back) where the author
used four power MOSFETs intended for TV horizontal
output stages as his mixer.

There is no one perfect mixer for all applications. For
any given application one must evaluate the tradeoffs
before choosing a device.

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Sat, 31 May 1997 19:45:01 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [20588] contest rules?
Message-ID: <3.0.16.19970531191254.34a7971a@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have the rules for these contests coming up?

15th June, Practical Wireless QRP Contest
17th June, QRP Day, IARU Region 1 Contest

Thanks... Rich

Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH Web - <www.qsl.net/ka8okh>
Norcal #1985 qrp-1 #933 ars #223 amsat #11900... ZUT!

Date: Sat, 31 May 1997 14:26:25 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: Brian Kassel <bkassel@dancris.com>
Cc: qrp-1@Lehigh.EDU
Subject: [20589] Re: QRP-L MEMBERS REPORT WPX SCORES
Message-ID: <Pine.3.89.9705311403.A20792-0100000@netcom20>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Brian ... thanks your kind words....I like contesting and even if I only have time for an hour or two, I like to try it and then want to encourage others to do so, too.

I believe the 12-hour minimum clause in the rules protects CQ Magazine (contest sponsor) from having to make an award for what it considers frivolous operating -- i. e., they'd rather not present a donated plaque to an entrant just because he or she is the ONLY one in that category.

If you look at the 1996 WPX CW results in the May 1997 issue, you'll note that QRP category entrants in the ALL BAND category range between

ZX2X's worldwide high of 861K and 706 Q's, and OH0/OH1AF's 320 points on 20 QSO's. Low point earner was AA8RR who got 100 points for 10 Q's in the 20M single band category. And there were a lot of scores reported in between!!!!!! So even though my score was only 420 points, I have every intention of e-mailing my logs to the contest chairman.

The rules DON'T SAY you have to compete for 12 hours to enter, only that you have to compete for 12-hours to win!

I also e-mail all my entries into ARRL contests (e-mailing makes it so easy). Then when the magazine comes out months later, it is a pleasant surprise to learn how you did. Nice thing about the qrp-l wpx list, is the wait for results is only one week!!!

Keep at it.... see you on the radio one of these days!

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: Sat, 31 May 1997 17:28:57 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [20590] Re: SCAF Filter
Message-ID: <XFMail.970531173414.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Somebody posted a day or so about having low audio out of the SCAF filter. I just got mine hooked up. I did build it with the resistors for more gain, and it does have some. With the filter in and peaked, signal are stronger than on bypass. So I guess it's not the "nature of the beast."

Got whole OHR400, DD-1 and SCAF working now. Nice combination. Gonna get some foxes this Fall/Winter with it!

Also built a NW80 (Hey, I had a bunch of graveyard shifts!). Another fine rig! Gotta watch the power though, as it will pump out 10 watts if you don't watch it. I stagger tuned the transmitter, so I got relatively smooth 5-7 watts across band, then can use leve to turn it down.

Sent at 17:34:14 on 31-May-97


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John L. Sielke n4js@amsat.org n4js@pobox.com
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NE-QRP #507 G-QRP #9544 NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
WIMPS Qs=021 30m=18 17m=3 12m=0 States=07/02/00 Countries=10/02/00
NorCal #1989 QCWA FISTS #2781 ARS #243
n4js@n4js.ampr.org NJ Grid:FM29LN
http://www.qsl.net/n4js

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Date: Sat, 31 May 1997 17:44:06 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: QRP-L Reflector <grp-l@Lehigh.EDU>
Subject: [20591] [3830] CQWW WPX CW 97 SCORES III
Message-ID: <Pine.SOL.3.91.970531174123.25439A-100000@hyper>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

CQ WPX CW CONTEST 97
RAW SCORES

Complied by WA4ZXA
<floydjr@interpath.com>

Date Posted: 05/30/97

CALL	HRS	SCORE	QSO'S	PTS	PREFIXES
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QRP

P40W (W2GD)	32	4,072,722	1895	6434	633
G4UOL		438,575	719	1325	331
VE7COK		12,485	77	227	55

KR2Q	27	766,206	640		378
N1TM		519,248	503	1564	332
KX1M (K1RC)		452,570	489	1355	334
KA4RRU	29	425,068	485	1292	329
WZ2T		38,766	191		142
K3WWP		37,697	164	253	149
K7FR		22,300	100		100

SO/HP/AB

VP5GN (K5GN)	10,680,094	3422	13451	794
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VE3EJ		6,863,685	2655		746
OT7T (DL2CC)		6,353,888	2699	8188	776
TM8R (F6FGZ)		5,352,256	2543	7352	728
OM8A		4,812,160	2321	6592	730
EA2IA		4,619,520	2561	6416	720
DL6FBL	36	4,532,544	2202	6192	732
HZ1AB (SM0CXU)		4,476,096	2288	7362	608
OH0AM (OH1EH)		3,100,800	2571		680
OH5BM		1,570,140	1748		495
IU3V (IK3VIA)	32	1,514,264	1512		488
UY1HY		1,508,676	1367	2964	509
7J1AAI		621,632	704		352
OH6KZP		442,288	724		359
VY1JA		126,038	265		187

N2NL (@N2RM)		7,226,128	2752	9217	784
KQ2M (@K1TTT)		7,100,000	2757		784
K3ZO		5,700,000	2141		726
W4AN	36	5,485,500	2216	7314	750
WR6AAA (N6IG)	36	4,717,782	2245		751
KT3Y		4,559,235	2073	6815	669
NY4A		3,985,660	2015		686
K5YA		3,328,886	1661	4939	674
AA3B	36	3,300,090	1634	5366	615
K5ZD	20	3,144,704	1652	5312	592
N4ZZ		2,764,540	1641		692
K1VW	30	1,655,912	1089	3592	461
N3OC		1,205,433	888		453
N6ZZ	27	1,098,144	890	2214	496
K5MA	14	1,007,920	794		430
K0FX	25	754,814	755	1403	538
NS0B		689,724	690	1666	414
N1CC	14	655,603	630	1739	377
NZ4/W4UE		516,026	705	1271	406
N4CW	13	510,264	505	1492	342
KT0R/9 (@W0AIH)	12	343,000	587		341
W4PA	8	150,410	266		178
N08DX (K8MR)	4	100,640	236	592	170
K4VV		93,886	200		157
K0TQ	9	48,708	274	297	164
N5KB		943	53	41	23

SO/LP/AB

OK1YM	36	984,526	1064		422
VA3NR		764,943	696		321
DJ7IK		536,964	685	1543	348

V01MP			74,820	200	516	145
WQ5L (@N5FG)	33		1,754,004	1253	2983	588
K1HTV	36		1,743,159	1083	3333	523
W040	36		1,216,800	1035	2340	520
KC6CNV	32		1,168,384	1015	2608	448
K1HT	14		723,387	617	2109	343
AA4GA	24		692,080	703		410
KN4QV	24		600,456	561	1576	381
K3MD	22		528,775	549		325
KN4T	7		349,448	333	1444	242
WN6K			330,008	548	994	332
K5W0	30		279,422	386	977	286
KJ9C			176,640	303		230
K0RX			171,828	309	774	222
K50Y	19		120,345	271	565	213
N3TG			104,912	205		166
KM5BN	9		85,848	208	511	168
W9SZ	3		8,610	46		41
F/K3DI			3,920	53		49

SO/UNLIMITED

IK0HBN		13	622,080	687	1728	360
ZZ2Z			360,047	467	1369	263
WF3T	HP	33	4,302,037	2077	6137	701
K3MM	HP		2,568,344	1368		554
K4MA (@AA4NC)		33	1,687,488	1060	3102	544
W3HVQ	HP		1,022,544	787		432
K3WW		15	818,280	621	2273	360
NT4D	HP		219,072	305		224
ND3F	LP		540,000	567		391
N9YXA	LP		32,384	179	253	128
W4VC	LP		26,037	105		95

SINGLE BAND

160M

80M

EA8/0H1MA			4,516,386	1324		573
S55T (S50Y)	HP		570,570	745	1729	330
LY1DD	HP		431,460	647	1410	306
LA9GX	HP		393,408	595	1366	288

K4ZW			301,910	327		227
AY7D	HP	4	2,596	25	118	22
40M						
XM7A (VE7SV)	LP		2,141,034	1105		399
S56A	HP		1,134,624	791	2544	446
VK1FF (WB2FFY)	LP	18	262,524	277	1572	167
NA5B	HP	23	798,372	744	1986	402
NM5NM (AA5B)	LP		575,000	585		298
NM5M		10	359,000	400		259
W3CP	LP	15	160,822	214		191
K4WT	LP	19	113,142	210		173
KC8UR	QRP		44,100	199	300	147
20M						
EA8AH (OH1RY)			11,500,000	4000		
ZF2NE	HP		4,223,587	2316		710
TK5NN	HP		3,911,700	2611	5100	767
OK1RF	HP	36	3,465,280	2001	4760	728
VE7SZ (VE7NTT)			3,340,000	1888		703
YM2ZW	HP	36	3,148,368	1829		613
OH8NW	HP	36	2,450,000	1711		685
VA7A (VE7XR)			2,441,537	1539		623
OH1JD			2,215,000	1637		673
VE7AU			1,577,000	1163		524
VE7SBO	QRP	36	466,474	500	1303	358
VE5MX			382,689	531	1263	303
DL1EFD	LP	20	166,926	342	347	258
PI4SHB	LP	3	129,470	400	535	242
KI1G	HP		3,409,847	1949	4469	763
K8DX	HP	34	2,673,125	1738	4277	625
W9WI	HP	31	1,423,557	1333		549
KQ5DX	HP/A	23	1,143,136	1143	2056	556
N9GG	HP/A	20	981,368	837		488
VE7UF/W7	HP		851,808			
K9NW (@W9UP)		16	675,000	670		436
K5PN	LP	17	137,852	327	572	241
N7VY	QRP		30,636	152	222	138
15M						
ZP5XF	HP		5,033,067	2375	7059	713
4X/OK1JR	HP		2,018,285	1415		515
NP3A (KP3L)	LP		1,456,770	1132		490
VE3KZ	LP		195,024	327		239
OH1AF (OH1NOA)			155,085	577		245
OH1HS			134,320	540		230

N4BP	HP	27	572,139	778	1359	421
10M						
S51AY	HP/A		100,580	388	470	214
PX1I (PY1KS)			34,656	128		96
VE3HX			4,340	56		35
LW8EXF	LP	2	544	16	34	16
LY2BTA	LP		40	4	10	4
LU9AUY	LP			353		189
9H0A (9H1EL)	HP		605,036	1549		361
NN5AA (K5NA)	HP	30	29,896	245	202	148
WC4DX (W4YV)	HP	22	24,704	177	193	128

MULTI/SINGLE

JY9QJ			9,335,424	3608	12684	736
EA3KU			6,081,775	3235	7555	805
SL3ZV			4,571,244	2653	5906	774
VE7ZZZ			4,426,620	1995		706
OH7AAC			4,169,500	2624	5380	775
OH0E			4,100,000	2800		
ZL1ANJ			4,063,807	1842	7117	571
OF4AB			3,800,000			
LG5LG			3,576,864	2343	5088	703
VE6JY			2,997,396	1589	5004	599
S56M			2,856,816	1880	4668	612
OH5NQ			2,230,000	1800		
OH6NIO			1,797,795	1737		579
DA0RG			811,125	594	2625	309
M7Q		8	383,736	536		271

NB1B (@W1KM)			6,189,864	2519	8376	739
NJ4F			4,900,000	2096		738
NQ4I		43	4,786,511	2231	6323	757
KV0Q		46	4,390,000	2195		
K07X		47	2,885,397	1785	4313	669
KC7V		48	2,879,949	1881	4229	681
KR5DX (@K5XI)			2,025,660	1428	3185	636
NM6U		46	1,611,753	1146	2873	561
NC3DX			517,000	657		376
N6HC		16	311,664	469	1032	302

MULTI/MULTI

KH7R	12,100,000	3959	14644	827
PA6WPX	10,613,085	4703	11599	915
OH2HE	9,140,000	4500		
OH1AF	8,200,000	4293		900
RW6AWT	8,080,212	4244	8988	899

KG1D (@K1KI)	12,685,265	4215	13283	955
K3EST (@N6RO)	7,540,000	3136		848
N8NR	4,249,500	2124	5666	750

ROOKIE

OH4JLV	239,900	576		276
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TS

3DA5A	36	4,532,098	2133	7841	578
S53AJK (S59AA)		4,405,000	2212	6127	719
7Z500 (K3UOC)	28	4,001,804	2240	7108	563
TP9CE (F5MUX)	36	3,254,670	2225	5046	645
LY6M (LY1DS)		2,645,739	1810	4027	657
S51F	LP	1,565,388	1307	2948	531
VE3STT	LP	124,200	229		69
DL4OCM		101,712	178	624	163

WC4E	HP		2,425,336	1527	3862	628
K3K0	HP/A		2,041,080	1209	3495	584
WV2LI	HP		1,797,450	1294	3450	521
N6MU (@N6NB)			1,583,088	1041	2832	559
KM0L	LP	35	1,552,590	1257	2654	585
W4AU	HP	24	1,275,102	913	2754	463
N3NT	HP		1,131,648	814		448
WK2G			835,992	791		408
N5NU	HP	23	784,602	768		546
K9WIE	HP	15	380,160	482	1080	352
NN5ZZ (N5LZ)	HP	12	376,992	627	1071	352
AB5SE	LP	22	304,560	481	940	324
K8SM	LP	11	33,000	167		132
AA4LR	LP		2,706	42	66	41

BR

MULTI SINGLE

MULTI MULTI

[illegible]

NO ATTACHEMENTS !!!!!!!!!!! THEY WILL NOT BE POSTED !!!!!!!
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*****
* Jimmy R. Floyd (Jim)   Thomasville, NC      *
*                                                                *
* Amateur Call:          >> WA4ZXA <<        *
* Internet Address:      >> floydjr@interpath.com << *
*****
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FAQ on WWW: <http://www.contesting.com/3830faq.html>
Submissions: 3830@contesting.com
Administrative requests: 3830-REQUEST@contesting.com
Problems: owner-3830@contesting.com

End of QRP-L Digest 743
